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The headings (**bold type**) are arranged in alphabetical order, sub-headings being differentiated by the use of lower case type for the initial letter. Minor groupings of entries have been made by indentation, under an introductory heading, whose first phrase is intended to be repeated before each of the following indented entries. Copious cross-references are provided to direct attention to relevant headings.

At the end of the Index (for convenience in reference) will be found a collected list of all the headings employed, grouped into sections by subject on the same basis as the monthly issues of *Science Abstracts*. The reader is recommended to inspect this list before commencing a search, so that no heading relevant to his subject may be overlooked.

Substances. The names of a large number of elements, compounds and substances are included as headings; abstracts containing significant physical information are entered under these (with the exceptions noted below) as well as under the appropriate subject headings. Since the index is intended for the use of physicists, no special regard has been paid to exact chemical designation, and as far as possible the familiar names have been used for compounds. Only the simpler of organic compounds have been listed by name. For the present, no entries under substance names have been made for the following: Alloys; most minerals; Crystal structure, atomic; Luminescence, unless of pure substances; Spectra, including Luminescence spectra and Raman spectra; Nuclear species. The names of substances and nuclides in these categories are, however, quoted in the entries under the respective subject headings. Substance headings have not been included in the Collected List of Headings at the end of the Index.

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